

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/007581

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C04B28/02 C04B28/14 C04B41/62

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/069791 A1 (MERKLEY DONALD J ET AL) 13 June 2002 (2002-06-13) cited in the application	1,2, 8-10, 13-16, 26-35, 39-47,49
Y		12 .
A	claim 1 table 1 paragraphs '0011!, '0016!, '0082! ----- -/--	17,21, 24,25, 50,51

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

8 July 2005

Date of mailing of the international search report

03/08/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y		12
A	claims 1,2	26, 29, 32, 45, 46, 50, 51
X	US 5 421 867 A (YEAGER ET AL) 6 June 1995 (1995-06-06)	1, 2, 8, 9, 13-15, 26-31, 34, 35, 39-47, 49
A	claims 1,2 column 5, line 20 - line 43	17, 32, 50, 51
X	US 6 475 275 B1 (NEBESNAK EDWARD ET AL) 5 November 2002 (2002-11-05)	1, 2, 9, 16, 26, 27, 34, 35, 39-41, 45-47
A	example 1 column 2, line 50 - line 51 column 3, line 23 - line 25 column 4, line 36 - line 38	17, 32, 50, 51
X	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SHAPIRO, A. D. ET AL: "Manufacture of board resistant to biological degradation" XP002335287 retrieved from STN Database accession no. 1961:146882 abstract	34-50, 52-55
Y		6, 7
A	& BUMAZHNAYA PROMYSHLENNOST , 36(No. 7), 12-13 CODEN: BUMPAK; ISSN: 0007-5817, 1961,	26, 32, 45, 46
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE WPI Section Ch, Week 198610 Derwent Publications Ltd., London, GB; Class C03, AN 1986-066741 XP002335289 & JP 61 019900 A (IG GIJUTSU KENKYUSHO KK) 28 January 1986 (1986-01-28) abstract</p>	<p>1-9, 13-15, 17-25, 34-47, 49,50, 52-55</p>
A		<p>10,26, 29,30, 32,51</p>
X	<p>----- CHEMICAL ABSTRACTS, vol. 94, no. 8, 23 February 1981 (1981-02-23), Columbus, Ohio, US; abstract no.: 51915a, XP000186251 abstract</p>	<p>34-50, 52-55</p>
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	<p>& JP 55 085756 A (KUBOTA LTD) 28 June 1980 (1980-06-28)</p>	
X	<p>----- PATENT ABSTRACTS OF JAPAN vol. 015, no. 133 (C-0820), 2 April 1991 (1991-04-02) & JP 03 016978 A (KUBOTA LTD), 24 January 1991 (1991-01-24) abstract</p>	<p>34-50, 53-55</p>
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Information on patent family members

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